



PRODUCT INFORMATION LETTER

PIL IPD-IPC/12/7545
Dated 20 Nov 2012

STP16CPC26 : metal mask modification to extend the power supply range

Sales Type/product family label	see attached list
Type of change	Product design change
Reason for change	To extend the voltage supply functionality at 3.3V.
Description	We have performed a metal mask modification in order to extend the power supply range between 3V and 5.5V.
Forecasted date of implementation	13-Nov-2012
Forecasted date of samples for customer	13-Nov-2012
Forecasted date for STMicroelectronics change Qualification Plan results availability	13-Nov-2012
Involved ST facilities	Catania M5 (Italy)

DOCUMENT APPROVAL

Name	Function
Merisio, Massimiliano	Marketing Manager
Li Volsi, Nicola	Process Owner
Motta, Antonino	Q.A. Manager



ATTACHMENT TO PIL IPD-IPC/12/7545

WHAT:

We are going to introduce a new metal mask and test program on the current version of STP16CPC26 to extend the device voltage supply functionality from 3.3V up to 5V instead of the former 5V specified range.

The new testing setup is not expected to result in any impact on form, fit, function, quality or reliability of the product.

A new calculation method for chip to chip accuracy has been defined.

The STP16CPC26 is housed in four different packages:

Product Line	Commercial Product	Package
UA42	STP16CPC26MTR	SO-24
	STP16CPC26TTR	TSSOP 24
	STP16CPC26XTR	TSSOP 24 exposed pad
	STP16CPC26PTR	QSOP 24

WHY:

In order to extend the voltage supply functionality at 3.3V.

HOW:

The new device UA42AD5 has been qualified by extension on the former version UA42AC5.

WHEN:

Material of the new version will be available for orders in January 2013 considering our standard leadtime.

Samples of the STP16CPC26XTR are already available. Upon request we can deliver samples of the product housed in the other packages in three/four weeks A.R.O.

Please Read Carefully:

Information in this document is provided solely in connection with ST products. STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, modifications or improvements, to this document, and the products and services described herein at any time, without notice.

All ST products are sold pursuant to ST's terms and conditions of sale.

Purchasers are solely responsible for the choice, selection and use of the ST products and services described herein, and ST assumes no liability whatsoever relating to the choice, selection or use of the ST products and services described herein.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted under this document. If any part of this document refers to any third party products or services it shall not be deemed a license grant by ST for the use of such third party products or services, or any intellectual property contained therein or considered as a warranty covering the use in any manner whatsoever of such third party products or services or any intellectual property contained therein.

UNLESS OTHERWISE SET FORTH IN ST'S TERMS AND CONDITIONS OF SALE ST DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY WITH RESPECT TO THE USE AND / OR SALE OF ST PRODUCTS INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (AND THEIR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION), OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

UNLESS EXPRESSLY APPROVED IN WRITING BY AN AUTHORIZED ST REPRESENTATIVE, ST PRODUCTS ARE NOT RECOMMENDED, AUTHORIZED OR WARRANTED FOR USE IN MILITARY, AIR CRAFT, SPACE, LIFE SAVING, OR LIFE SUSTAINING APPLICATIONS, NOR IN PRODUCTS OR SYSTEMS WHERE FAILURE OR MALFUNCTION MAY RESULT IN PERSONAL INJURY, DEATH, OR SEVERE PROPERTY OR ENVIRONMENTAL DAMAGE. ST PRODUCTS WHICH ARE NOT SPECIFIED AS "AUTOMOTIVE GRADE" MAY ONLY BE USED IN AUTOMOTIVE APPLICATIONS AT USER'S OWN RISK.

Resale of ST products with provisions different from the statements and/or technical features set forth in this document shall immediately void any warranty granted by ST for the ST product or service described herein and shall not create or extend in any manner whatsoever, any liability of ST.

ST and the ST logo are trademarks or registered trademarks of ST in various countries.

Information in this document supersedes and replaces all information previously supplied.

The ST logo is a registered trademark of STMicroelectronics. All other names are the property of their respective owners

© 2012 STMicroelectronics - All rights reserved.

STMicroelectronics group of companies

Australia - Belgium - Brazil - Canada - China - Czech Republic - Finland - France - Germany - Hong Kong - India - Israel - Italy - Japan -
Malaysia - Malta - Morocco - Singapore - Spain - Sweden - Switzerland - United Kingdom - United States of America

www.st.com

